

Anti-MBP Rabbit pAb



WL03919

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-MBP Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:400
	IF	1:100-1:400
Cellular localization	Myelin membrane. Nucleus	
Pack size	50/100/200/500/1000 µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Myelin basic protein (MBP) is the major extrinsic membrane protein of central nervous system myelin. MBP phosphorylation at Threonine 125 is a complex regulatory process that modulates the contribution of MBP to the stability of the myelin sheath. Mitogen-activated protein kinases modulate MBP phosphorylation during myelinogenesis and in the demyelinating disease multiple sclerosis. MBP isoforms are found in both the central and the peripheral nervous system, whereas Golli-MBP isoforms are expressed in fetal thymus, spleen and spinal cord, as well as in cell lines derived from the immune system.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MBP.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

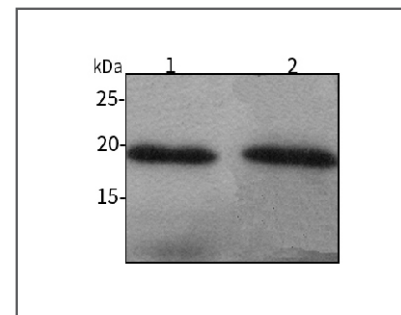
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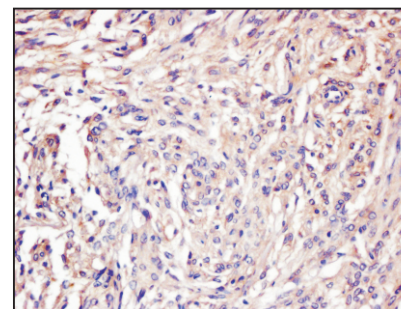
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Product Images



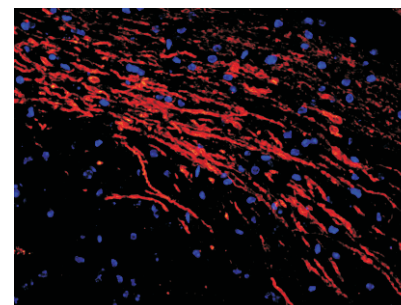
Western blot-Anti-MBP pAb

Lane 1: Mouse brain tissue lysate
Lane 2: Rat brain tissue lysate
All lanes: Anti-MBP at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 33 kDa
 Observed band size: 14-22 kDa



Immunohistochemistry-Anti-MBP pAb

Immunohistochemical analysis of paraffin-embedded human brain glioma using anti-MBP Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-MBP pAb

Immunofluorescence analysis of paraffin-embedded mouse brain using anti-MBP Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

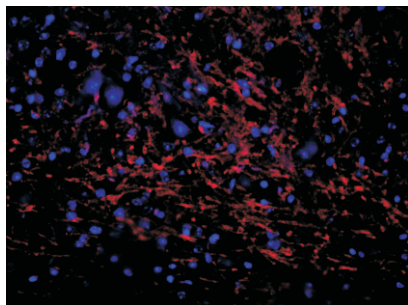
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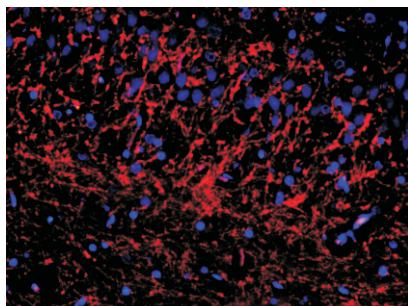
Product Information



Immunofluorescence-Anti-MBP pAb

Immunofluorescence analysis of paraffin-embedded mouse cerebellum using anti-MBP Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-MBP pAb

Immunofluorescence analysis of paraffin-embedded rat brain using anti-MBP Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0